

HTML static code analysis

Unique rules to find Bugs, Security Hotspots, and Code Smells in your HTML code

1.	Table cells should reference their headers Bug
2.	Tables used for layout should not include semantic markup Bug
3.	Tables should have headers Bug
4.	"<html>" element should have a language attribute Bug
5.	<script>...</script> elements should not be nested Bug
6.	"<th>" tags should have "id" or "scope" attributes Bug
7.	"<title>" should be present in all pages Bug
8.	"<!DOCTYPE>" declarations should appear before "<html>" tags Bug
9.	Elements deprecated in HTML5 should not be used Bug
10.	HTML "<table>" should not be used for layout purposes Code Smell
11.	"aria-label" or "aria-labelledby" attributes should be used to differentiate similar elements Code Smell
12.	Videos should have subtitles Code Smell
13.	Attributes deprecated in HTML5 should not be used Code Smell
14.	Sections of code should not be commented out Code Smell
15.	Track uses of "FIXME" tags Code Smell
16.	

	Meta tags should not be used to refresh or redirect Code Smell
17.	Links should not directly target images Code Smell
18.	"" and "" tags should be used Bug
19.	"" and "<dt>" item tags should be in "", "" or "<dl>" container tags Bug
20.	Server-side image maps ("ismap" attribute) should not be used Bug
21.	"<frames>" should have a "title" attribute Bug
22.	"<fieldset>" tags should contain a "<legend>" Bug
23.	Flash animations should be embedded using both "<object>" and "<embed>" Bug
24.	"<table>" tags should have a description Bug
25.	Image, area and button with image tags should have an "alt" attribute Bug
26.	Disabling resource integrity features is security-sensitive Security Hotspot
27.	Authorizing an opened window to access back to the originating window is security-sensitive Security Hotspot
28.	"<object>" tags should provide an alternative content Code Smell
29.	Track uses of "TODO" tags Code Smell
30.	Some Java packages or classes should not be used in JSP files Code Smell
31.	Disallowed "taglibs" should not be used Code Smell
32.	Track lack of copyright and license headers Code Smell

33.	Labels should be defined in the resource bundle <u>Bug</u>
34.	JSF expressions should be syntactically valid <u>Bug</u>
35.	Image tags should have "width" and "height" attributes <u>Bug</u>
36.	"input", "select" and "textarea" tags should be labeled <u>Bug</u>
37.	Dynamic includes should not be used <u>Code Smell</u>
38.	Track uses of disallowed elements <u>Code Smell</u>
39.	The "style" attribute should not be used <u>Code Smell</u>
40.	Track uses of disallowed attributes <u>Code Smell</u>
41.	Track lack of required child elements <u>Code Smell</u>
42.	Track uses of disallowed child elements <u>Code Smell</u>
43.	Track lack of required attributes <u>Code Smell</u>
44.	Track lack of required parent elements <u>Code Smell</u>
45.	Files should not be too complex <u>Code Smell</u>
46.	Web pages should not contain absolute URIs <u>Code Smell</u>
47.	JSP expressions should not be used <u>Code Smell</u>
48.	Javascript scriptlets should not have too many lines of code <u>Code Smell</u>
49.	Track lack of required an element with the required "id" <u>Code Smell</u>

50.	Track uses of disallowed namespaces in XHTML documents Code Smell
51.	Links with identical texts should have identical targets Code Smell
52.	Favicons should be used in all pages Code Smell
53.	Links should not target "#" or "javascript:void(0)" Code Smell
54.	Files should not have too many lines Code Smell
55.	Lines should not be too long Code Smell
56.	All HTML tags should be closed Bug
57.	Flash animations should be embedded using the window mode Bug
58.	Mouse events should have corresponding keyboard events Bug
59.	Using HTML comments is security-sensitive Security Hotspot
60.	Multiple "page" directives should not be used Code Smell
61.	White space should be used in JSP/JSF tags Code Smell
62.	Attributes should be quoted using double quotes rather than single ones Code Smell
63.	Heading tags should be used consecutively from "H1" to "H6" Code Smell
64.	Tabulation characters should not be used Code Smell
65.	Track presence of forbidden parent element Code Smell